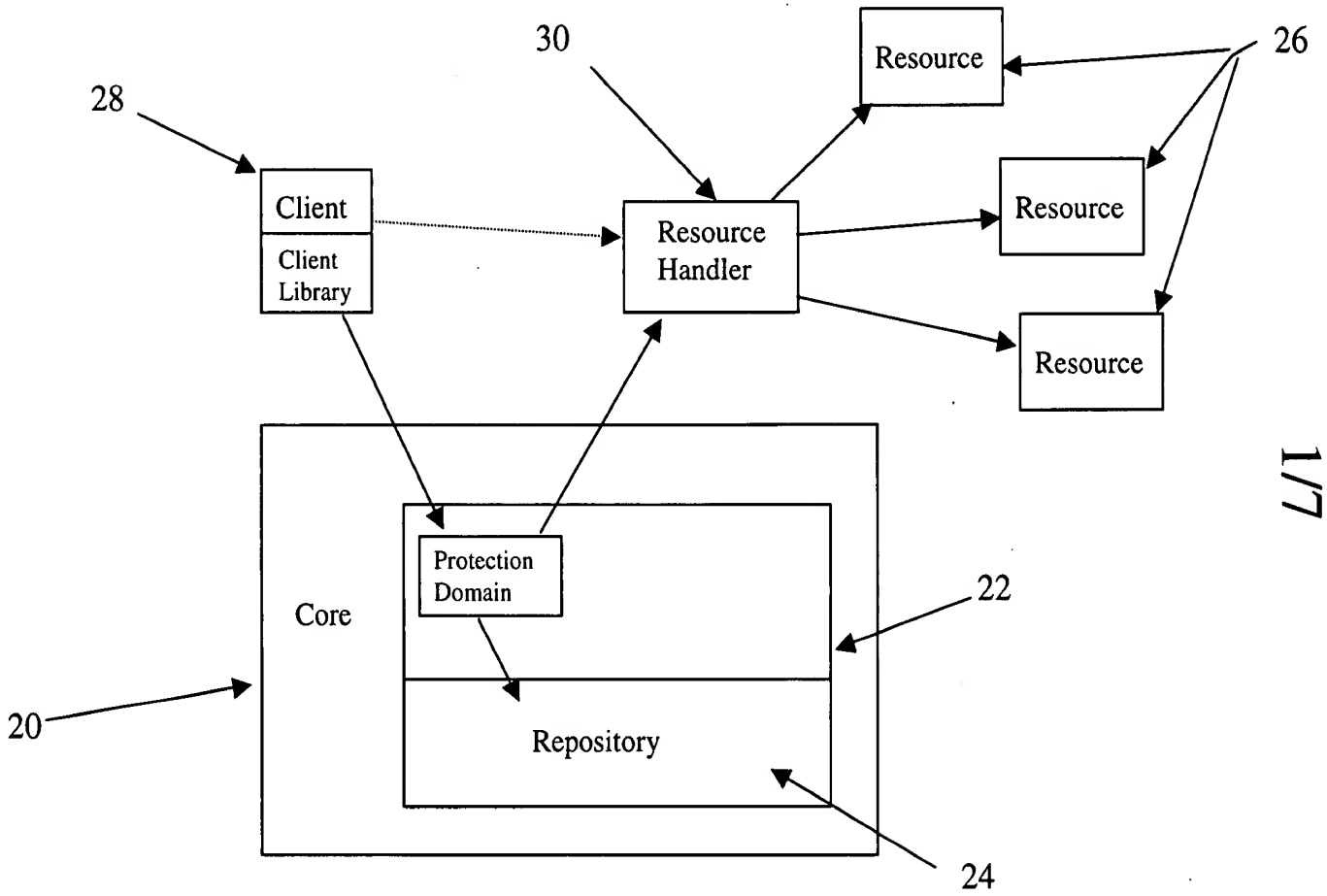
30
Resource
26
28
Client
Client Library
Resource Handler
Resource
Resource
Protection Domain
Core
22
20
Repository
24

Figure 1A

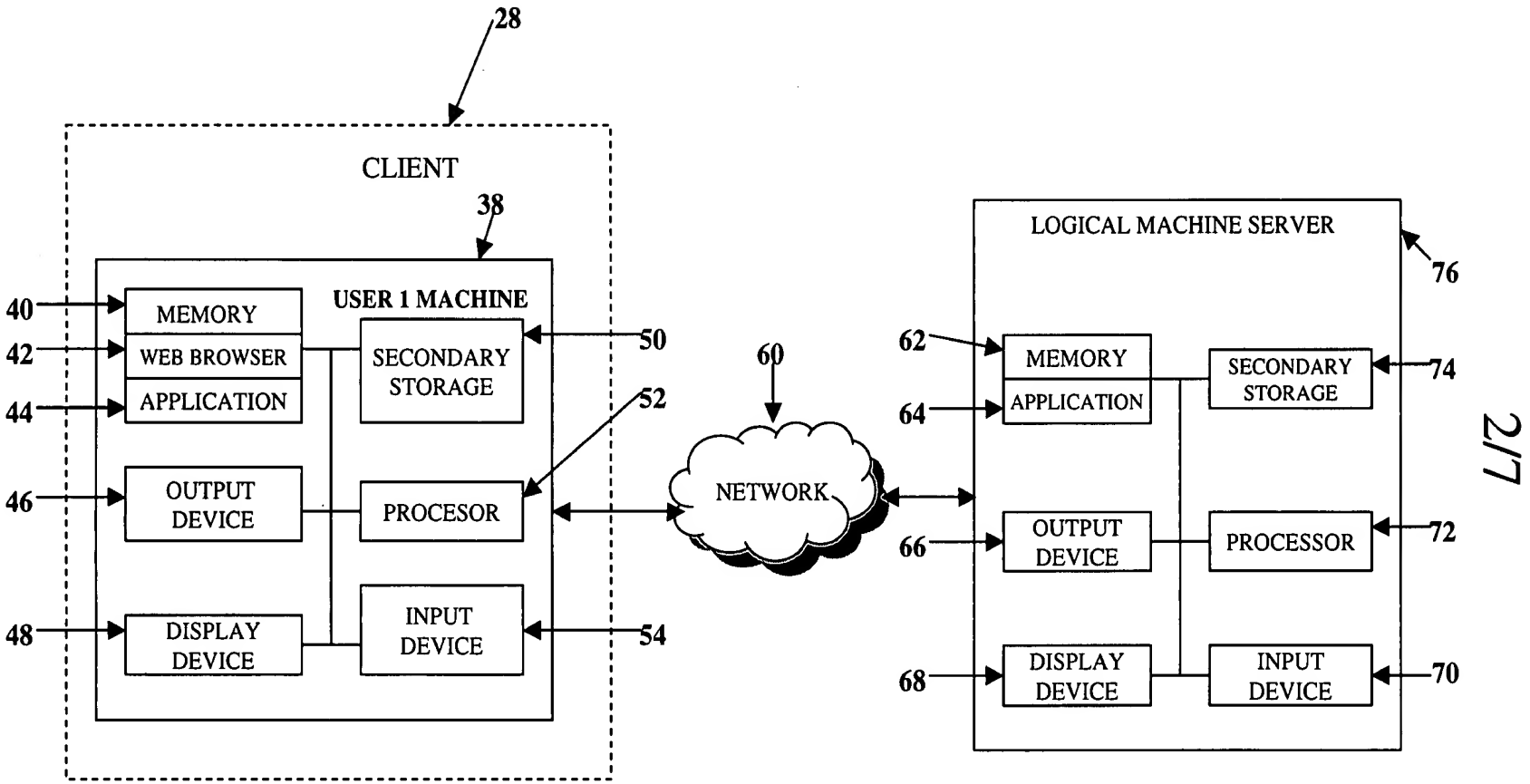
28
CLIENT
38
USER 1 MACHINE
40
MEMORY
42
WEB BROWSER
44
APPLICATION
46
OUTPUT DEVICE
48
DISPLAY DEVICE
SECONDARY STORAGE
50
52
PROCESOR
INPUT DEVICE
54
60
NETWORK
LOGICAL MACHINE SERVER
76
62
MEMORY
64
APPLICATION
66
OUTPUT DEVICE
68
DISPLAY DEVICE
SECONDARY STORAGE
74
PROCESSOR
72
INPUT DEVICE
70

Figure 1B

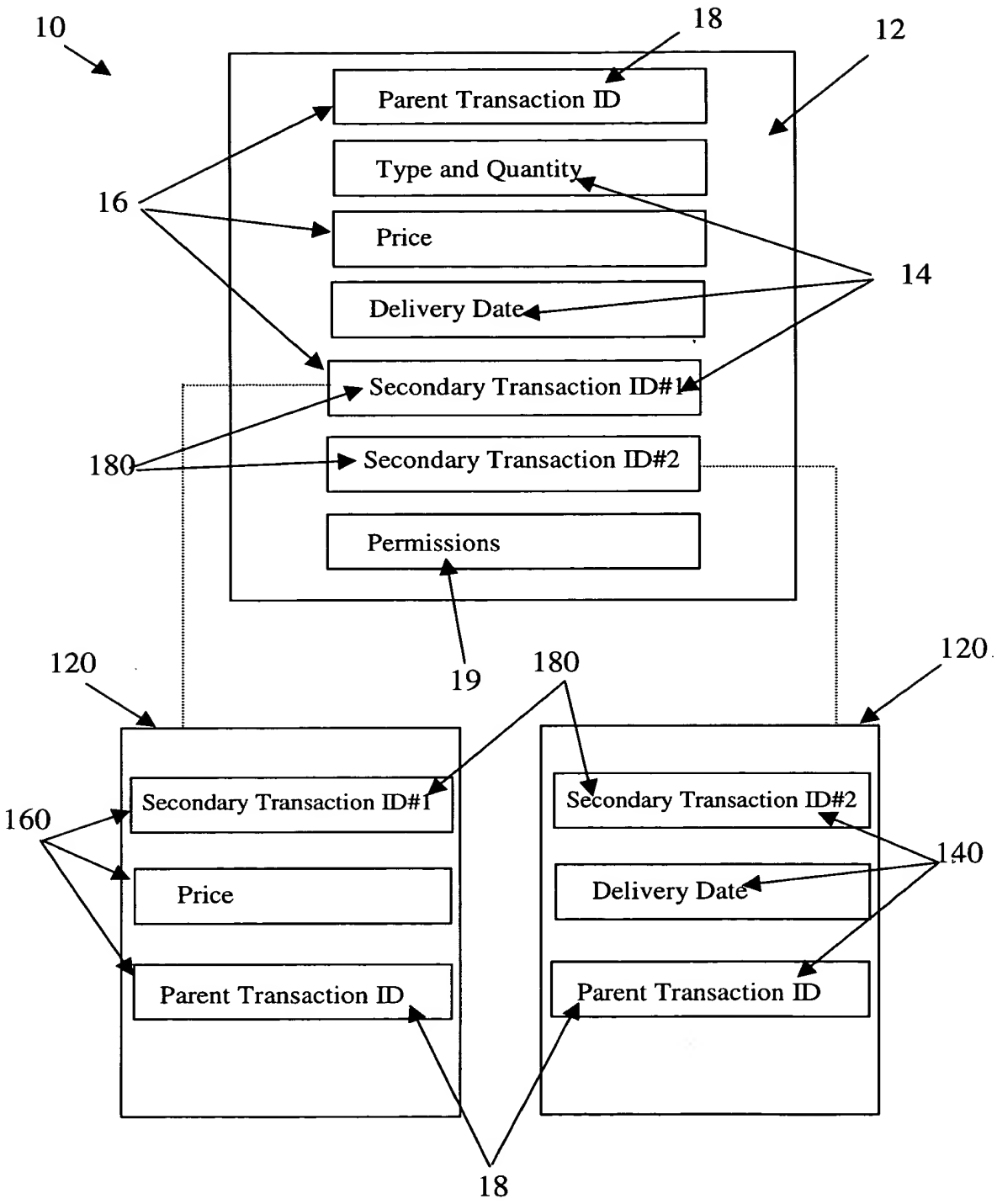
10
18
12
Parent Transaction ID
Type and Quantity
16
Price
14
Delivery Date
Secondary Transaction ID#1
180
Secondary Transaction ID#2
Permissions
19
120
180
120
Secondary Transaction ID#1
Secondary Transaction ID#2
160
140
Price
Delivery Date
Parent Transaction ID
Parent Transaction ID
18

Figure 2

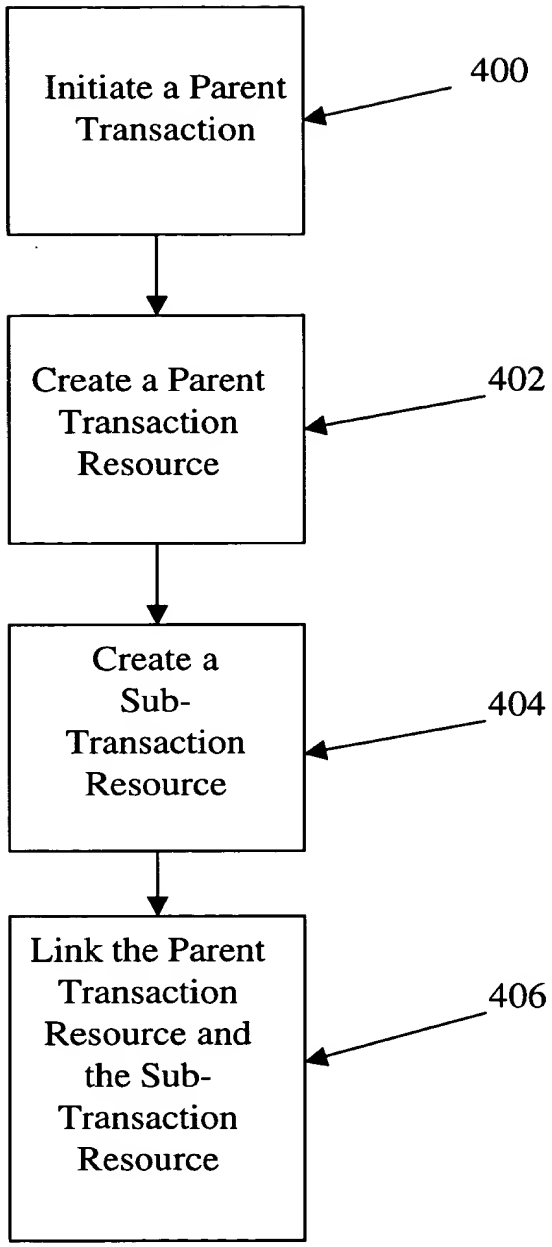
Initiate a Parent Transaction
400
Create a Parent Transaction Resource
402
Create a Sub-Transaction Resource
404
Link the Parent Transaction Resource and the Sub-Transaction Resource
406

Figure 3

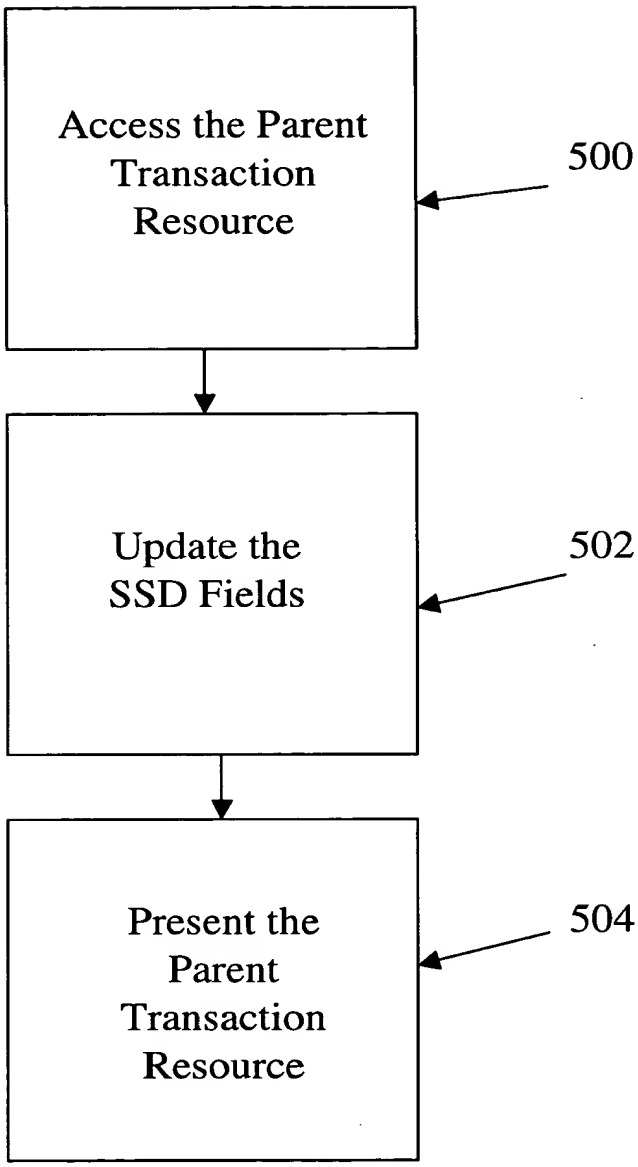
Access the Parent Transaction Resource
500
Update the SSD Fields
502
Present the Parent Transaction Resource
504

Figure 4

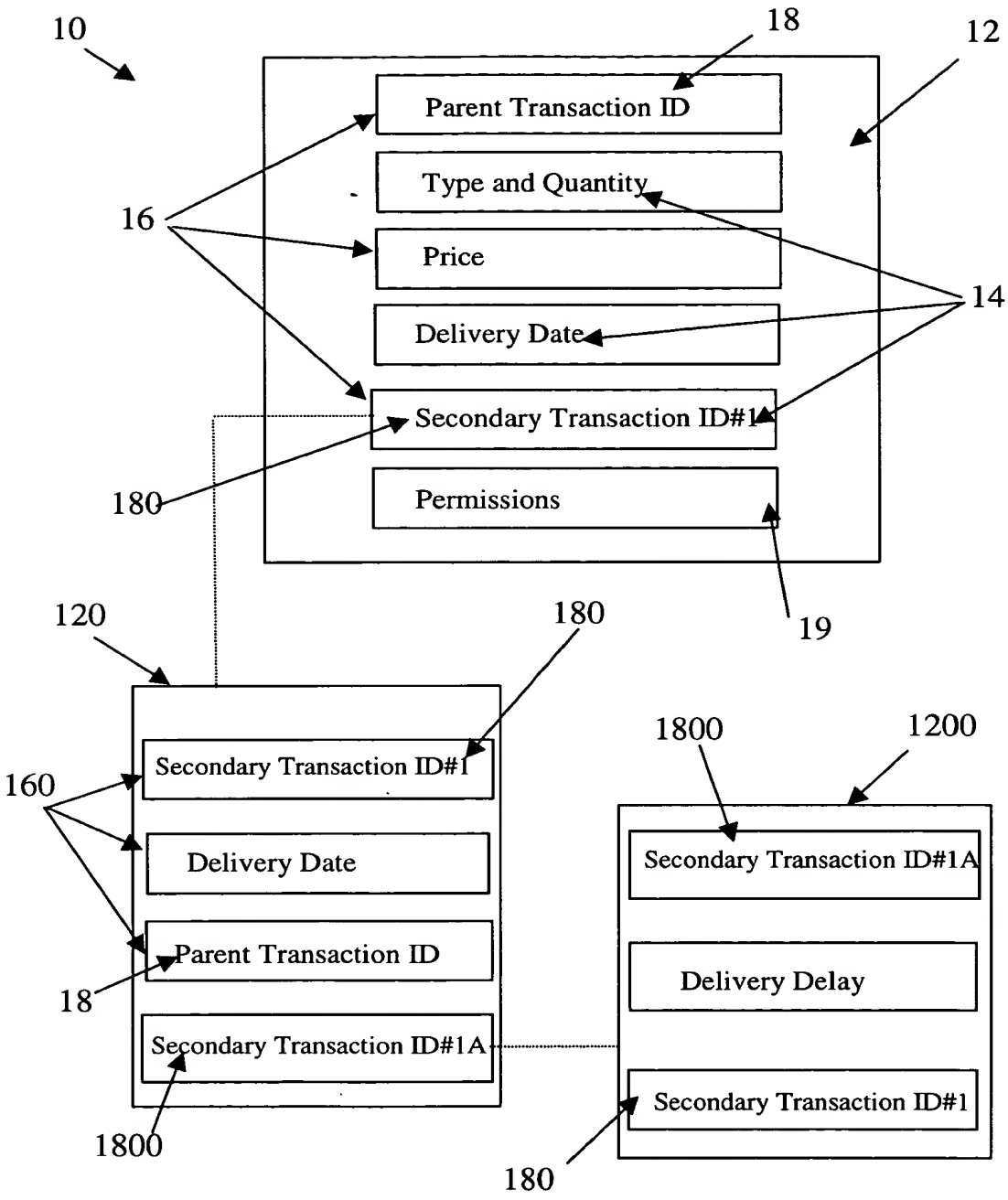
10
18
12
Parent Transaction ID
Type and Quantity
16
Price
14
Delivery Date
Secondary Transaction ID#1
180
Permissions
19
120
180
Secondary Transaction ID#1
160
Delivery Date
Parent Transaction ID
18
Secondary Transaction ID#1A
1800
1800
1200
Secondary Transaction ID#1A
Delivery Delay
Secondary Transaction ID#1
180

Figure 5

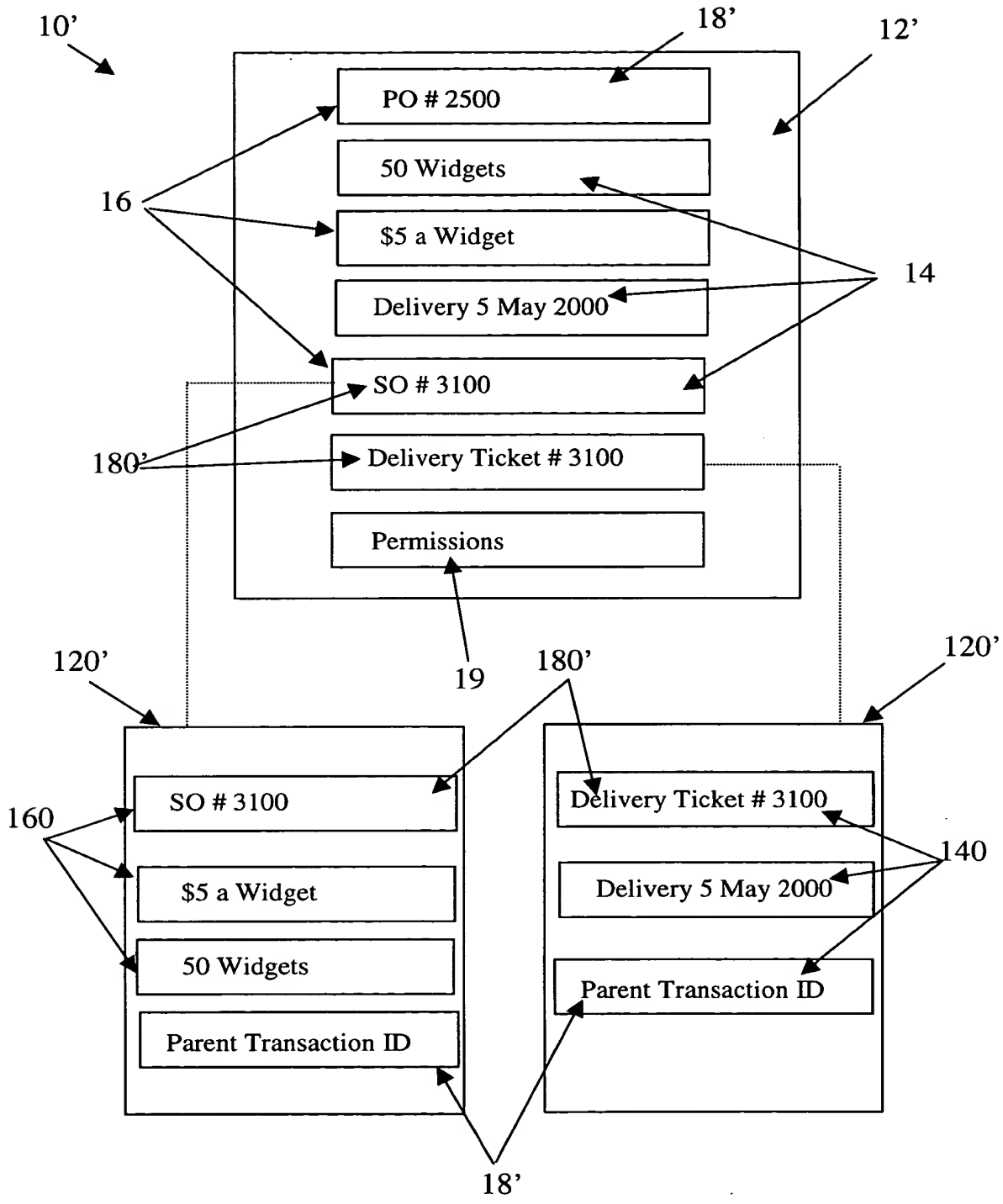
10'
18'
12'
PO # 2500
50 Widgets
16
$5 a Widget
14
Delivery 5 May 2000
SO # 3100
180'
Delivery Ticket # 3100
Permissions
19
120'
180'
120'
160
SO # 3100
$5 a Widget
50 Widgets
Parent Transaction ID
Delivery Ticket # 3100
140
Delivery 5 May 2000
Parent Transaction ID
18'

Figure 6